

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/537,402
Source: PCT
Date Processed by STIC: 06/14/2005

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PCT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/537,402

DATE: 06/14/2005
TIME: 09:04:13

Input Set : A:\dex-448.ST25.txt
Output Set: N:\CRF4\06142005\J537402.raw

3 <110> APPLICANT: diaDexus, Inc.
 4 Macina, Roberto
 5 Turner, Leah
 6 Sun, Yongming
 8 <120> TITLE OF INVENTION: Compositions and Methods Relating to Colon Specific Genes
 and Proteins
 10 <130> FILE REFERENCE: DEX-0448
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/537,402
 C--> 12 <141> CURRENT FILING DATE: 2005-06-02
 12 <150> PRIOR APPLICATION NUMBER: US 60/431,132
 13 <151> PRIOR FILING DATE: 2002-12-04
 15 <150> PRIOR APPLICATION NUMBER: US 60/431,144
 16 <151> PRIOR FILING DATE: 2002-12-04
 18 <160> NUMBER OF SEQ ID NOS: 240
 20 <170> SOFTWARE: PatentIn version 3.1
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 547
 24 <212> TYPE: DNA
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 62 ccaggacat tctcgcgagt tacagccctg aacgacgtgg aaactcgtga ttgcacgtgg 180
 64 ccacatgccc gatgcgaagg ccctgcantg agcagagacg tgtggaccgg tgcaggatgc 240

(Pg. 6)

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66	agncaggaag ctgtggagtt ggtccagtat gcttacnttt agagaagggtt cgtggagaac	300
68	ggagaagaaa cgtaagaagc gaagtgamgg atkwastcar rgacagaaga tgaagaggag	360
70	aaaagccaag aggaycmkgr agcgaagagg aagagaagga agactcgcca gccagatgcc	420
72	aaagatgggg attcatacga mccctatgac ttcagtgaca cagaggagga aatgcctcaa	480
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89	ataccttagag gactcaggcc acactcttag aggtctcttc attattgatg acaaaggaat	180
91	cctaagacaa attactctga atgatcttcc tgtggtaga tcagtggatg agacactacg	240
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210 gctgcctgct ggtgtggcc aatgcccggaa gcagggccctc ttccatccc ctgtcgatg 180
212 agtgttcaa ctatgtsaac aaacggaaata ccacgtggca ggccggggcac aacttctaca 240
214 acgtggacat gagctacttg aagaggctat gtggtacatt cctgggtgggg cccaaaggccac 300
216 cccagagagt tatgtttacc gaggacctga agctgcctgc aagcttcgat gcacgggaac 360
218 aatggccaca gtgtcccacc atcaaagaga tcagagacca gggctcctgt ggctcctgct 420
220 gggccttcgg ggctgtggaa gccatctctg accggatctg satycacacc aatgcgcacg 480

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222	tcgagcgtgg	aggtgtccgc	ggaggacactg	ctcacrtgct	gtggcagcat	gtgtgggac	540	
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226	tctggtgccc	atctatgaat	cccatgttagg	gtgcagaccg	taytccatac	cctccctgtg	660	
228	agcaccacgt	cgaaggggtc	ccggbcccca	tgcacggggg	agggagatac	ccscargtgt	720	
230	agcaagakct	gtgagcctgg	gtacagaccg	actayaaacw	ggacamgcgy	tayggataca	780	
232	attctacagg	tstccaatag	cgaggacrtc	atggcygaga	tctmaaaaaa	cggccctgtgg	840	
234	agggagctt	ctctgtgtat	cggaacttcct	ggtctagaag	tcagggagtg	taccaacacg	900	
236	tcacccgaga	gatgattggg	tgggcatgcc	atccggatcc	tgggctgggg	agtggcgaag	960	
238	gacaccctac	tggtgtttgc	atcgaaaca	ctgactgggg	tgacatgggt	cttaaatacc	1020	
240	cgagggcagga	cacgtgggac	cgcacacatg	gggggggaac	cggccgagca	gcggaaaaat	1080	
242	aatgcgggac	tggcactgcg	gccacaggaa	aacgtaatca	gcacacaaaaa	agaggaggca	1140	
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	289	atagacgcca	ctggacgacc	tcaccccgcc	gagcaccgca	cgagtcaagg	agcanctctc	240
	291	ccacgaataa	tggtgngaga	agccggcac	tacatgcccc	cgcagagccc	cagccgggac	300
	293	gacctctatg	accaagacaa	ctctaggac	attcccacgc	taccacaggg	gaccccccac	360
	295	tacgacaaca	ttcaggttcc	tcgggagcgc	cctccctgcct	accccaggtc	ccaccaccac	420
	297	cgtacccggg	accctcgaaa	caacggctcc	aggtccgggg	acccccccta	tatggggcg	480
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	303	ggcgccccca	gagcgcaggc	tcaagaagaa	cttggccctg	agtcggaaa	gtttagtcgt	660
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320 ttcgggtgtcc tttgtgtttt tatatggat agtgtgtgt tggctgtgtc gaggtgtgtg	180
322 ctcgggtgtt ttattggcg ggtcagatgc gtctggagt ttctgtgagg cgcctttgtg	240
324 tgtccccggg cgcggggatg acgttgtgtt ggtcgtgtg tgcttgggg agccacacgt	300
326 gggaaactgcg gttggaaaat attatagaag ggctaaatgt gggggccat cttcccttga	360
328 cgggatttgt atgatgtcta gtgagggacg cgacgtatgt gggggctgtc gttccctgtc	420
330 gtcacatctga gagtgtacgg ttttatggcg tgcactatgc cgtttctcaa aaaagttcc	480
332 ttgttggggc atagcatcag gagtctgagg tcgtctttt gtcattaccc ttggaaatat	540
334 taagtgtgtt catcaggctg gtgttggtag tttagaaaca gctgtgttaa taatttaggt	600
336 actgggtctt aagtgtatc agttattgtt agggtatgtat gttaaagacta ttgatttcac	660
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348 caccatgctg aatgtacact gattccttta ttagactgc ttaactcccc actgcctgtc	1020
350 ccagagaggc ttccaatgt agtcagtaa ttccgttac ttacagaca gaaaaagttcc	1080
352 agaaacttta agaacaactt ctgaaaacct atgagcaat ggtgctgaat acwtttttt	1140
354 taaagccaca ttccattgtc ttagtcaaag caggmttatt aastgattat taaaattcr	1200
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373 ctcgggtgtt ttattggcg ggtcagatgc gtctggagt ttctgtgagg cgcctttgtg	240
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377 gggaaactgcg gttggaaaat attatagaag ggctaaatgt gggggccat cttcccttga	360
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381 gtcacatctga gagtgtacgg ttttatggcg tgcactatgc cgtttctcaa aaaagttcc	480
383 ttgttggggc atagcatcag gagtctgagg tcgtctttt gtcattaccc ttggaaatat	540
385 taagtgtgtt catcaggctg gtgttggtag tttagaaaca gctgtgttaa taatttaggt	600
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391 agagtagtga agctaattaa acacgtttgg tttctgaata aattgaacta aatccaaact	780
393 atttcctaaa atcacaggac attaaggacc aatagcatct gtgcagaga tgtactgtta	840
395 ttagctggga agaccaattc taacagcaaa taacagtctg agactcctca tacctcagtg	900
397 gttagaagca tgtctctttt gagctacagt agaggggaag ggattgtgt gtagtcaaga	960

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:3; N Pos. 95,98,101,104,110,111
Seq#:4; N Pos. 29,135,176,235,296
Seq#:9; N Pos. 676
Seq#:11; N Pos. 1175
Seq#:14; N Pos. 911
Seq#:16; N Pos. 7,64,66,71,73,80,95,110,136
Seq#:30; N Pos. 554
Seq#:54; N Pos. 3246
Seq#:56; N Pos. 2734
Seq#:57; N Pos. 3458
Seq#:58; N Pos. 4085
Seq#:60; N Pos. 2737
Seq#:76; N Pos. 1081,1122
Seq#:96; Xaa Pos. 35,70,81,93
Seq#:97; Xaa Pos. 11,39,41,42,44,55,56,57,77
Seq#:101; Xaa Pos. 16,19,20,22,23,24,25,26,27,28,29,31,32,34,37,153,172
Seq#:102; Xaa Pos. 45,78,85
Seq#:103; Xaa Pos. 10,45,59,79,86
Seq#:108; Xaa Pos. 54
Seq#:112; Xaa Pos. 41,42,43,46,47,48,50,57,68,95,101,110,113
Seq#:116; Xaa Pos. 89
Seq#:118; Xaa Pos. 75
Seq#:120; Xaa Pos. 32,104
Seq#:122; Xaa Pos. 2,115,119,121,123,125,126
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Seq#:130; Xaa Pos. 1,2
Seq#:132; Xaa Pos. 181
Seq#:143; Xaa Pos. 7
Seq#:145; Xaa Pos. 9,10
Seq#:149; Xaa Pos. 4
Seq#:174; Xaa Pos. 2,6
Seq#:177; Xaa Pos. 264
Seq#:219; Xaa Pos. 6

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:60
M:341 Repeated in SeqNo=1
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:341 Repeated in SeqNo=3
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:660
L:640 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:1140
L:745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:900
L:831 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:1595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:540
L:4301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:3240
L:4513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:2700
L:4644 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:3420
L:4797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:4080
L:4997 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:2700
L:6541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:1080
L:7678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96 after pos.:32
M:341 Repeated in SeqNo=96
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M:341 Repeated in SeqNo=97
L:7969 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:0
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L:8542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112 after pos.:32
M:341 Repeated in SeqNo=112
L:8820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:80
L:8888 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:64
L:8990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:120 after pos.:16
M:341 Repeated in SeqNo=120
L:9120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:122 after pos.:0
M:341 Repeated in SeqNo=122
L:9199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:0
M:341 Repeated in SeqNo=123
L:9570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:130 after pos.:0
L:9842 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:132 after pos.:176
L:10425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143 after pos.:0
L:10557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:145 after pos.:0
L:11035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149 after pos.:0
L:13678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174 after pos.:0
L:14097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:177 after pos.:256

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L:17437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:219 after pos.:0